

Endocrine System MCQ Question Answer

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Question: 1. Androgens are secreted from

- Option A. Leydig cells and placenta
- Option B. Testis and adrenal cortex
- Option C. Adenohypophysis and testis
- Option D. Leydig cells and adrenal cortex

Question: 2. Diabetes mellitus is due to deficiency of

- Option A. insulin
- Option B. glucagon
- Option C. trypsin
- Option D. ADH

Question: 3. The spermatogenesis in mammalian testis is controlled by

- Option A. follicle stimulating hormone (FSH)
- Option B. luteinizing hormone (LH)
- Option C. ICSH
- Option D. LH and ICSH

Question: 4. Estrogen is secreted by cells of

- Option A. theca interna
- Option B. theca externa
- Option C. theca interna cells of developing Graafian follicles
- Option D. corpus luteum

Question: 5. Male reproductive functions are controlled by

- Option A. FSH
- Option B. Testosterone
- Option C. FSH and LH
- Option D. All of these

Question: 6. A posterior pituitary hormone released during parturition is

- Option A. Oxytocin
- Option B. Vasopressin
- Option C. ICSH
- Option D. ACTH

Question: 7. A hormone, presence of which in blood or urine serves as pregnancy tests is

- Option A. HCG

- Option B. Progesterone
- Option C. LH
- Option D. Placental gonadotrophin

Question: 8. Function of cholecystokinin is to

- Option A. contract gall bladder
- Option B. stimulate bile secretion
- Option C. stimulate digestion
- Option D. decrease bile secretion

Question: 9. ACTH is secreted by

- Option A. adrenal cortex
- Option B. thyroid
- Option C. adrenal medulla
- Option D. pituitary

Question: 10. Addison's disease is caused by under secretion of

- Option A. Adrenalin
- Option B. Cortin
- Option C. Insulin
- Option D. ACTH

Question: 11. One of the endocrine glands is known as master gland:

- Option A. Thyroid
- Option B. Pituitary
- Option C. Parathyroid
- Option D. Adrenal

Question: 12. In the ovary, the progesterone and estrogen are secreted by

- Option A. corpus callosum
- Option B. corpus albicans
- Option C. corpus luteum and Graffian follicles
- Option D. cells of Graffian follicles

Question: 13. Which hormone promotes persistence of larval characters ?

- Option A. Juvenile hormone
- Option B. Thyroxin
- Option C. Insulin
- Option D. Ecdysone

Question: 14. A decrease in level of oestrogen and progesterone causes

- Option A. loss of endometrium

Option B. growth and dilation of metridium

Option C. release of ova from ovaries

Option D. constriction of uterine blood vessels leading to sloughing of uterine epithelium

Question: 15. Animals that are well known to use pheromones are

Option A. Centipedes

Option B. Hydra

Option C. Pigeons

Option D. Ants

Question: 16. Which endocrine gland stores its secretion in an extracellular space before discharging it into the blood ?

Option A. Thyroid

Option B. Pancreas

Option C. Adrenal

Option D. Testis

Question: 17. The human chorionic gonadotrophin is secreted by

Option A. placenta

Option B. ovary

Option C. uterus

Option D. pituitary

Question: 18. In the male, testosterone exerts profound effects on

Option A. development of secondary sex characters

Option B. skeletal muscle to increase in size

Option C. baldness

Option D. all of these

Question: 19. The activity of Leydig cells is governed by a pituitary hormone abbreviated as

Option A. HCG

Option B. ACTH

Option C. FSH

Option D. ICSH

Question: 20. Most contraceptive pills contain

Option A. estrogen + FSH

Option B. progesterone + LH

Option C. progesterone + FSH

Option D. oestrogen and progesterone

Question: 21. Deficiency of parathormone in the blood causes

- Option A. hypokalemia
- Option B. hyperkalemia
- Option C. hypocalcemia
- Option D. hypercalcaemia

Question: 22. Regulation of volume of urine is caused by

- Option A. ADH
- Option B. Aldosterone
- Option C. Both (a) and (b)
- Option D. ADH, ldosterone and testosterone

Question: 23. The fight or flight response in the event of danger, is chiefly effected by

- Option A. glucocorticoids
- Option B. mineralocorticoids
- Option C. epinephrine and norepinephrine
- Option D. glucocorticoids, epinephrine

Question: 24. Which of the following will be least effected if the pituitary gland of an adult rat is removed?

- Option A. Adrenal
- Option B. Adrenal medulla
- Option C. Thyroid
- Option D. Gonads

Question: 25. The expulsion of milk from the breast during sucking by the child is brought about by

- Option A. prolactin
- Option B. oxytocin
- Option C. vasopressin
- Option D. estrogen and progesterone

Question: 26. Which of the following is homologous with the oviduct of frog ?

- Option A. Uterus
- Option B. Vagina
- Option C. Fallopian tube
- Option D. All of these

Question: 27. Throughout pregnancy the hormones which remain low in plasma are

- Option A. FSH
- Option B. FSH and LH
- Option C. LH
- Option D. Estrogen and progesterone

Question: 28. Deficiency of iodine in diet leads to

- Option A. enlargement of hands and feet
- Option B. enlargement of liver
- Option C. enlargement of bones
- Option D. enlargement of neck region

Question: 29. Hormones which are produced by neurons are

- Option A. epinephrine and noepinephrine
- Option B. melatonin and serotonin
- Option C. oxytocin and vasopressin
- Option D. all of these

Question: 30. Pituitary gland is under the control of

- Option A. pineal
- Option B. hypothalamus
- Option C. adrenals
- Option D. none of these

Answer Sheet

1	B	
2	A	
3	A	
4	C	
5	D	
6	A	
7	A	
8	B	
9	D	
10	B	
11	B	
12	C	
13	A	
14	D	
15	D	
16	A	
17	A	
18	A	
19	D	
20	D	
21	C	
22	C	
23	C	
24	B	
25	A	
26	C	
27	A	
28	D	
29	C	
30	B	